

9003-08-18
#427923

ORIGINAL
(Red)

R-585-4-0-22

SITE VISIT SUMMARY REPORT
FOR
CROWN CENTRAL
PREPARED UNDER

TDD NO. F3-9003-08
EPA NO. MD-113
CONTRACT NO. 68-01-7346

FOR THE
HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

APRIL 18, 1990

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY


RICHARD COSTELLO
PROJECT MANAGER

REVIEWED BY


MICHAEL HEFFRON
SECTION SUPERVISOR

APPROVED BY


ANDREW FREBOWITZ
ASSISTANT MANAGER

1.0 FIELD TRIP REPORT

1.1 Summary

On Tuesday, April 10, 1990, FIT 3 members Richard Costello, Michael Heffron, Richard Heath, Michael McCarthy, John King, and Linda LaSut visited the Crown Central Petroleum site in Baltimore, Maryland. Weather conditions at the time of the site visit were sunny, with temperatures in the mid-50s.

Four aqueous and 13 solid samples were obtained. Split samples were collected for Jack Weinhold, of Petroleum Fuel and Terminal Company.

Deviations from the Sampling Plan

- An aqueous sample was collected from a second oil/water separator located on site.
- Only nine subsurface soil samples were taken; sample locations were changed due to on-site conditions.

1.2 Persons Contacted

1.2.1 Prior to Field Trip

Gregory Ham
U.S. EPA
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107
(215) 597-8229

Robert Welch
APEX Oil Company
8182 Maryland Avenue
St. Louis, MO 63105
(314) 889-9600

Edward Carlson
Maryland Department of the Environment
Waste Management Division
2500 Broening Highway
Baltimore, MD 21224
(301) 631-3472

Jack Weinhold
Petroleum Fuel and Terminal Company
1622 South Clinton Street
Baltimore, MD 21224
(301) 342-7800

1.2.2 At the Site

Jack Weinhold
Petroleum Fuel and Terminal Company
1622 South Clinton Street
Baltimore, MD 21224
(301) 342-7800

1.2.3 Water Supply Well Information

All residents are supplied water by public sources.

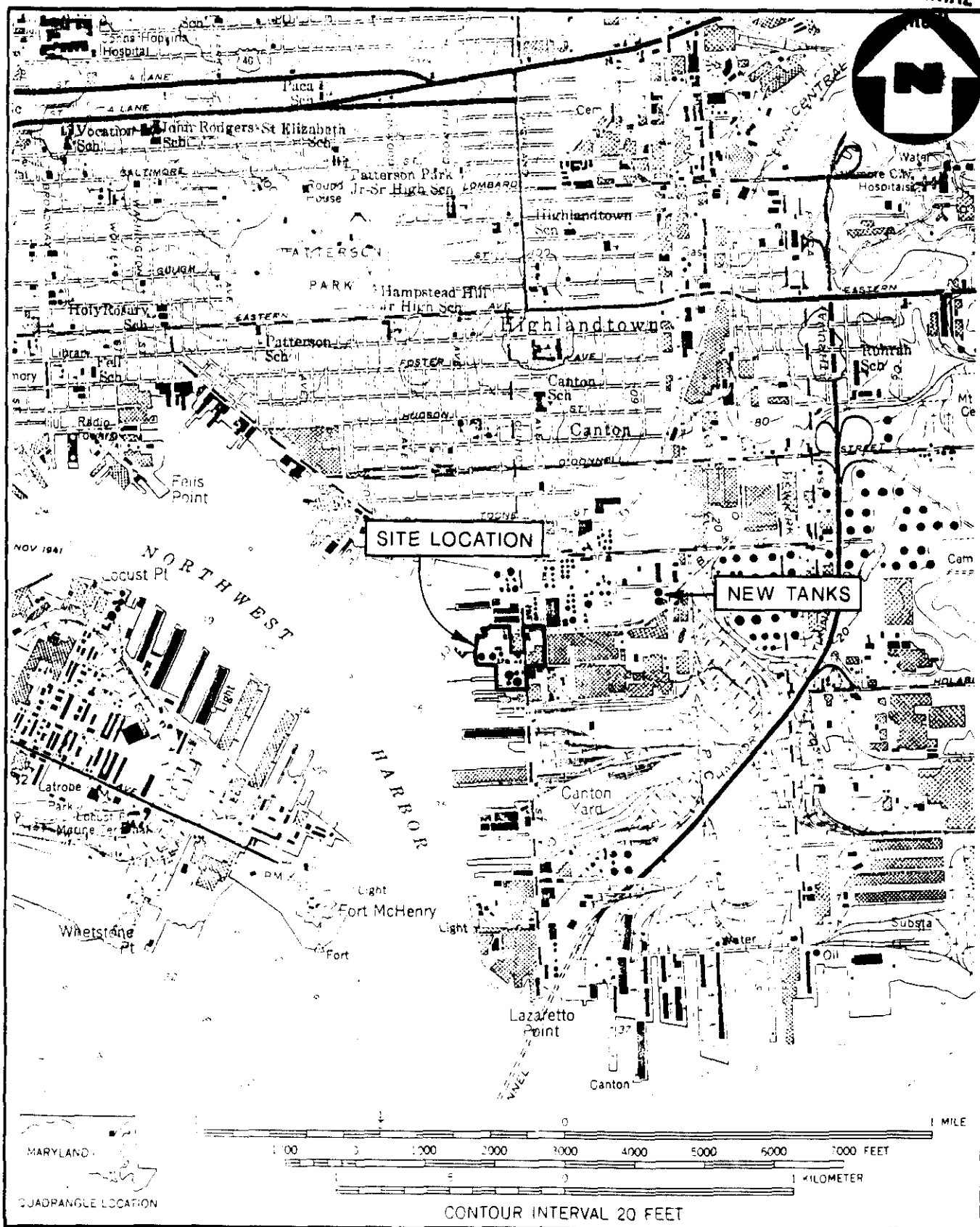
1.3 Site Observations

- The OVA background reading was 0 ppm. No readings above background were recorded.
- The radiation mini-alert was set on the X1 position. No readings above background were recorded.
- Access to the site was from South Clinton Street and through a locking gate.
- A six-foot-high chain-link fence surrounded the main tank farm to the north, south, and east.
- Surface drainage is from east to west and into the Patapsco River.
- A total of 16 fuel storage tanks of various capacities occupied a major portion of the site.
- Four storage tanks were located east of the main tank farm. Two of the four tanks were surrounded by a six-foot-high chain-link fence.
- It was observed that the NPDES discharge was located below the water surface. An oily sheen was observed outside the discharge area.
- A two-story building at the southwestern corner of Clinton and Danville Streets was used as a custom kitchen cabinet shop.
- The facility was located in a heavily industrial area.
- Bentonite was used under some of the storage tanks. The remaining oil storage tanks sat on concrete.
- It was observed that herbicides were being sprayed near designated sample locations.
- No stained soils or stressed vegetation were observed.
- Earthen dikes and concrete walls served as containment for the storage tanks.

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ATTACHMENT 1

ORIGINAL



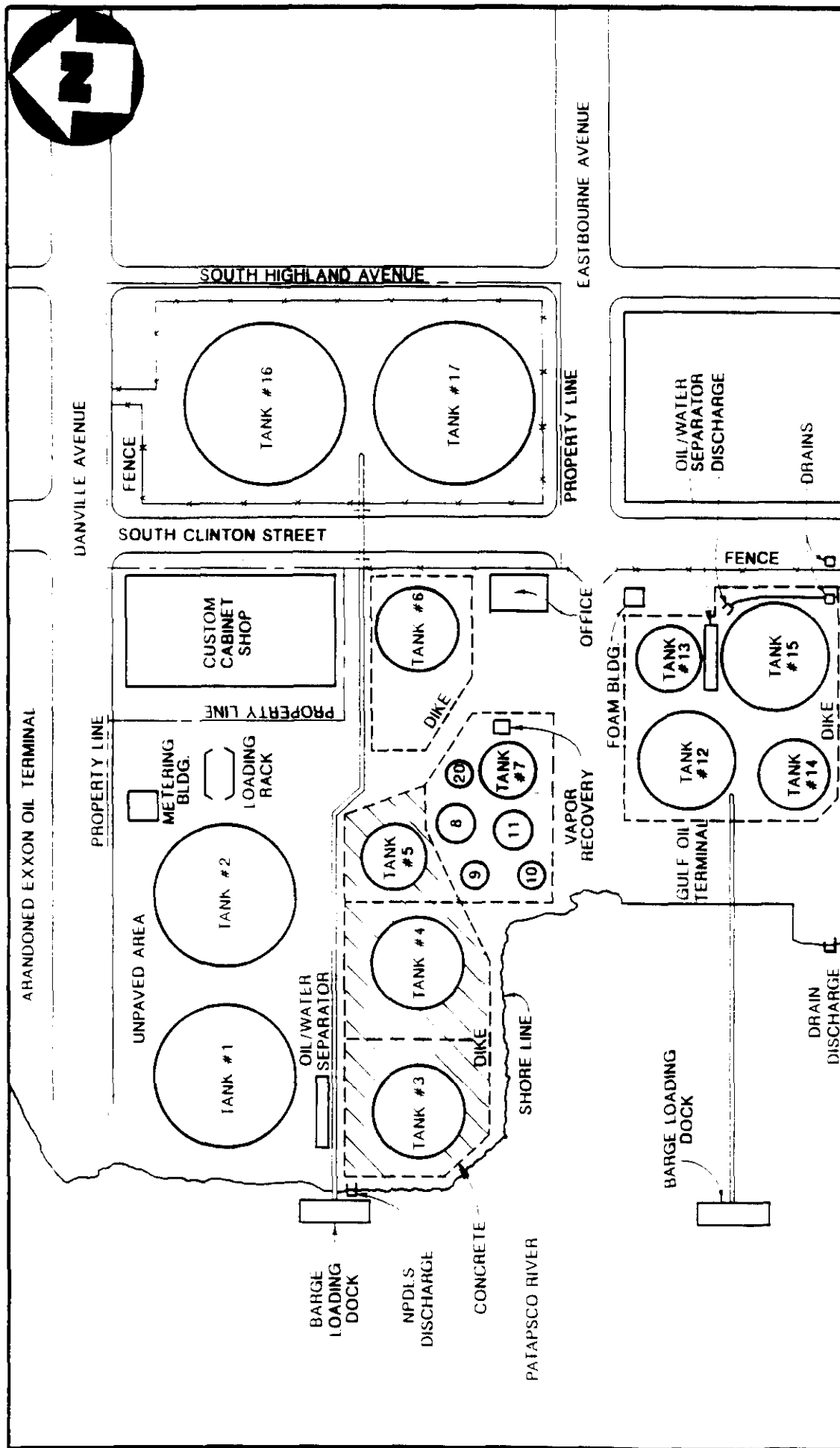
SOURCE: (7.5 MINUTE SERIES) U.S.G.S. BALTIMORE EAST, MD. QUAD.

SITE LOCATION MAP
CROWN CENTRAL PETROLEUM

SCALE 1: 24000

FIGURE



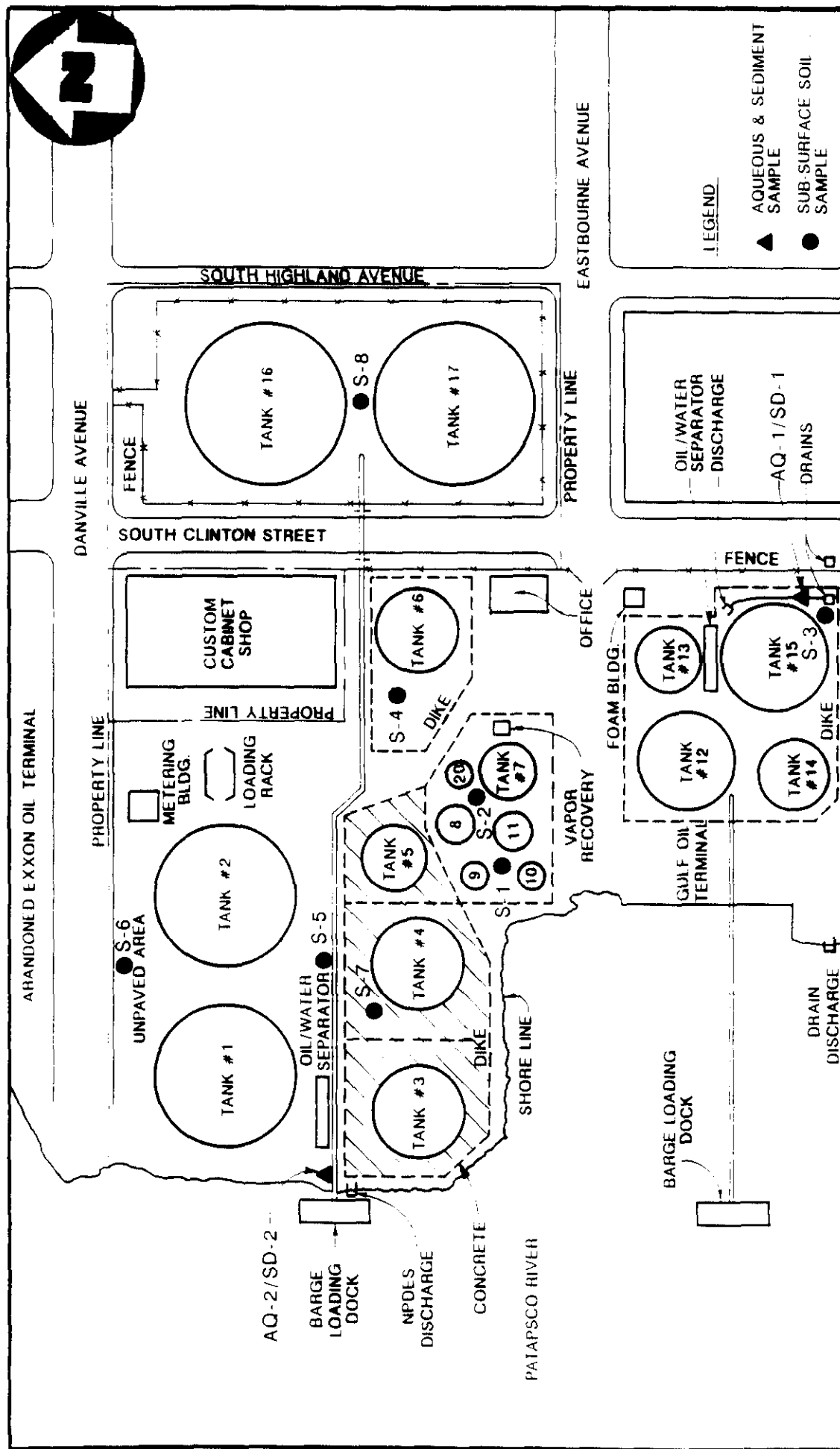


FIGURE

SITE SKETCH

CROWN CENTRAL PETROLEUM

(NO SCALE)

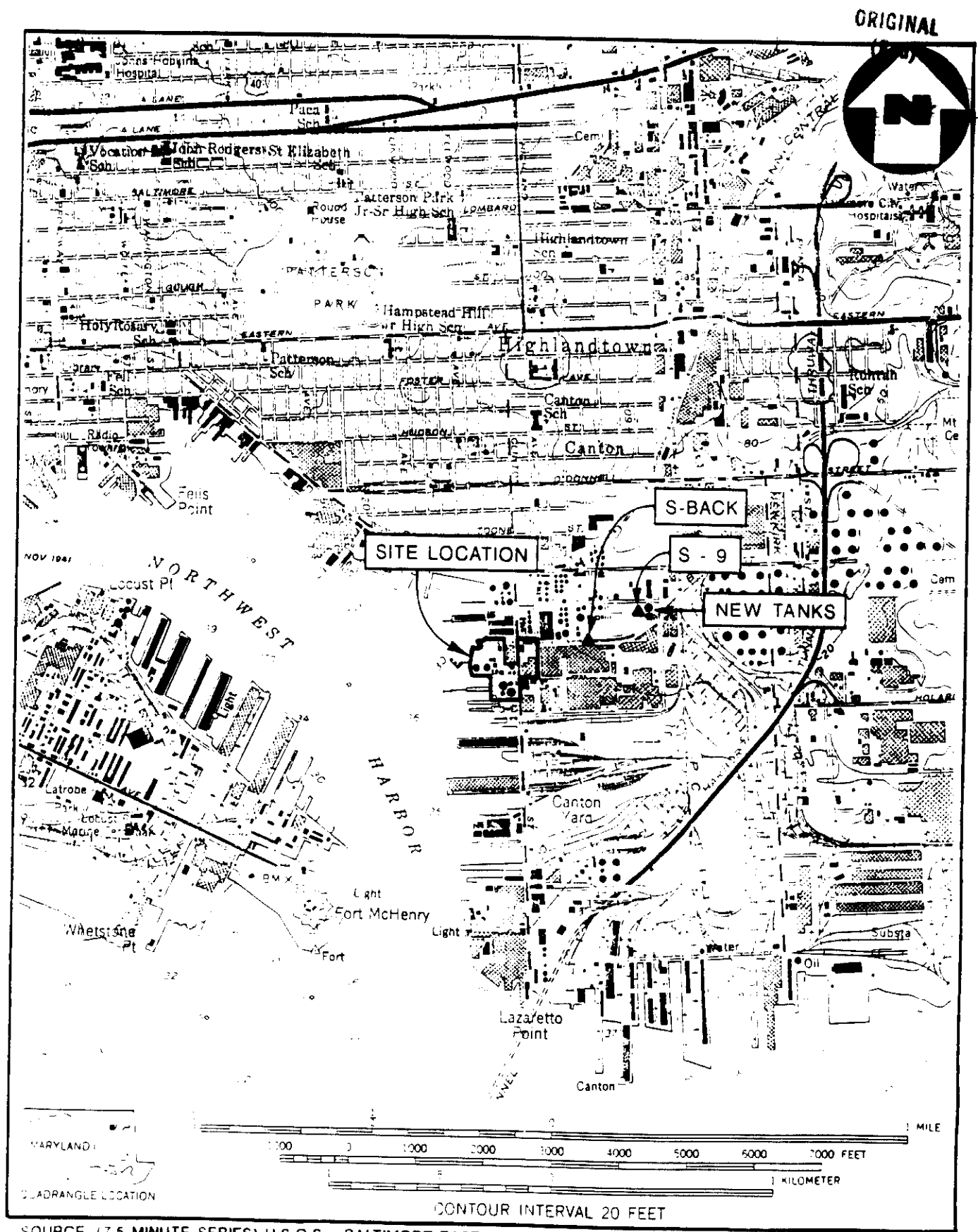


FIGURE



**SAMPLE LOCATION MAP
CROWN CENTRAL PETROLEUM**

(NO SCALE)



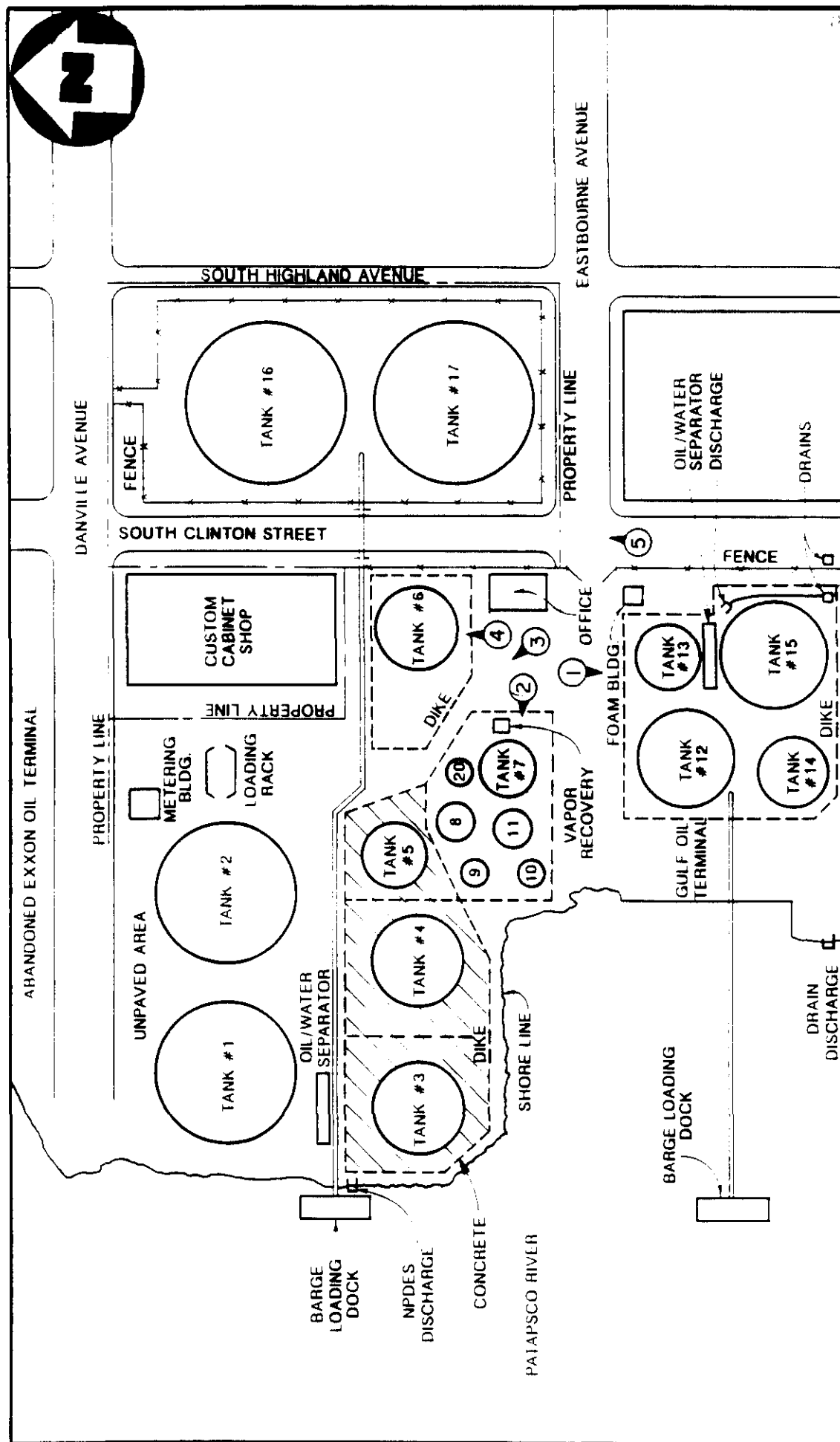
SOURCE: (7.5 MINUTE SERIES) U.S.G.S. BALTIMORE EAST, MD. QUAD.

OFF-SITE SAMPLE LOCATIONS
CROWN CENTRAL PETROLEUM

SCALE 1: 24000

FIGURE





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FIGURE



PHOTO LOCATION MAP
CROWN CENTRAL PETROLEUM

(NO SCALE)

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ATTACHMENT 2

SITE NAME Seawall Central Petroleum

SAMPLE LOG

TDD NUMBER 9003-08
 EPA NUMBER MD-113

TRAFFIC REPORTS		SAMPLE IDENTIFIER	PHASE	SAMPLE DESCRIPTION	SAMPLE LOCATION	TARGET USE	PH	FIELD MEASUREMENTS
Organic	Inorganic							
CDR80	MLD001	AQ-1	AQ	CLEAR, NO OIL STAINING OR DISCOLOR	OIL/WATER SEPARATION DISCHARGE DOWNGRADIENT OF TANK #15	NO USES	6.5	NO OIL REMARKS ABOVE BACKGROUND
CDR81	MLD001	AQ-2	AQ	CLOUDY STAINING OR DISCOLOR NO OIL	OIL/WATER SEPARATION STAND PIPE DOWNGRADIENT OF TANK #11	NO USES	4.1	
CDR82	MLD002	AQ-10	AQ	DUPLICATE OF AQ-1		NO USES		
CDR83	MLD003	AQ BLANK	AQ	AQUEOUS BLANK	BLANK	BLANK		
CDR84	MLD004	SUB-1	SOL	VERY DARK, MOIST SANDY SOIL DIESEL-LIKE ODOR	APPROX. 20 FEET NW OF TANK #11	ACCESS RESTRICTED		
CDR85	MLD005	SUB-2	SOL	BROWN/BLACK, MOIST STAINED SOIL SMALL PEAG-BE GASOLINE-LIKE ODOOR	5' SW OF METER BOX	ACCESS RESTRICTED		
CDR86	MLD006	SUB-10	SOL	DUPLICATE OF SUB-1		ACCESS RESTRICTED		
CDR87	MLD007	SUB-3	SOL	SANDY, SMALL PEAG-BE DARK BUT STAINING GASOLINE-LIKE ODOOR	14' SW OF OF DIKE WALL	ACCESS RESTRICTED		
CDR88	MLD008	SUB-4	SOL	DARK, MOIST MUD-LIKE NO OIL	24' EAST OF DIKE WALL	ACCESS RESTRICTED		

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SAMPLE LOG

SITE NAME 9003-08 MD-113

TDD NUMBER 9003-08

EPA NUMBER MD-113

TRAFFIC REPORTS		SAMPLE IDENTIFIER	PHASE	SAMPLE DESCRIPTION	SAMPLE LOCATION	TARGET USE	PH	FIELD MEASUREMENTS
Organic	Inorganic							
CDR 89	meed 09	SUB-5	SOL	BLACK/BROWN SANDY SILT WITH NO VISIBLE FRAGMENTS	17' 8" SOUTH OF GATE VALVE TO TANK #1	ACCESS RESTRICTED		NO DATA REPORTED ABOVE BACKGROUND
CDR 90	meed 10	SUB-6	SOL	SANDY, LARGELY FRAGMENTS	11' 6" NE OF ACCESS DOOR TO TANK #1	ACCESS RESTRICTED		
CDR 91	meed 11	SUB-7	SOL	DARK BROWN MOIST SILT WITH ORGANIC MATTER	6' EAST OF DIRT WALL	ACCESS RESTRICTED		
CDR 92	meed 12	SUB-8	SOL	VERY DARK BROWN/MOIST SANDY SILT	10' 4" SOUTH OF TANK #10	ACCESS RESTRICTED		
CDR 93	meed 13	SUB-9	SOL	LIGHT TO DARK BROWN PEBBLES	87' SOUTH OF SLAG DIRT	ACCESS RESTRICTED		
CDR 94	meed 14	SUB-11	SOL	DARK, SANDY BROWN SILT WITH PEBBLES, CRACKLINE, DUST	OVERFLOW TANK BOTTOM OF OIL/WATER SEPARATOR	NO USES		
CDR 95	meed 15	SUB-12	SOL	SANDY SILT, PEBBLES WITH SOME ORGANIC MATTER	17' 0" NORTH OF ACCESS DOOR	ACCESS RESTRICTED		
CDR 96		TRIP TANK	AG	AIR FILL TANK FOR TRIP TANK	SLAG	SLAG		
CDR 98	meed 17	SUB-10	SOL	DUPLICATE OF SUB-1	SAME AS SUB-1	SAME AS SUB-1		

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